

ABSTRACT

A method of producing a color conversion table capable of enhancing continuity in an image-data color conversion, an image processing device and a method using the color conversion table, a program and a recording medium. The image processing device performs an image processing by using a color conversion table produced by using functions for evaluating a smoothing level at each element of lattice point data after color conversion by a color conversion table. Functions for evaluating the above smoothing level include a function based on the twisted quantity of ink-quantity vector, a function based on a twisted quantity at a virtual CMY, a function based on a deviation from a target ink quantity, a function based on a deviation from a target virtual CMY, a function based on a failure to meet an ink quantity limitation, a function based on ink quantity reduced to minus, and a function based on ink generation.